

## Specifications

- 7 in (178 mm) dia. x 16 in (406 mm) tall
- 30.2 lb (13.7 kg) without cylinders or scrubber material

## Head

- No batteries inside head eliminates the possibility of toxic chemicals in breathing loop
- Fully potted and submersible head eliminates the possibility of corrosion on sensitive life-support equipment
- Splitter/isolation board allows two devices to monitor oxygen sensors
- Hardwired leads and coaxial SMB connectors on oxygen sensors eliminate multiple connections and fragile Molex connectors.
- Minimal head space reduces static loop volume
- Oxygen addition on exhaust side of head insures proper gas mixing in scrubber before it reaches sensors and diver
- Diluent addition on inhale side over #1 sensor face for instant cell verification against a known gas

## Breathing Loop

- Backmounted counterlungs provide excellent work of breathing (WOB) in all positions while keeping frontal area free of clutter for stage bottle mounting and minimizing diver's profile.
- Counterlungs can be removed without removing backplate to facilitate loop cleaning between dives
- Low profile T-pieces with stretch (front) and rigid (back) breathing hoses
- Quick disconnect bayonets on BOV allow for easy cleaning and inspection of one-way valves
- Shrimp BOV allows for rapid bailout without removing mouthpiece

## Mounting Hardware

- Kent Tooling 316 SS onboard cylinder mounts are low profile and incredibly secure
- Kent Tooling 316 SS STA backplate mount

## Scrubber

- 5 lb (2.3 kg) or 8.8 lb (4 kg) radial scrubber
- Inside to out radial flow for maximum efficiency
- Black Amalgon canister insulates scrubber 400 times better than aluminum
- Built in water trap with chammies to absorb condensation
- Latchless head, canister and bottom streamlines profile and eliminates broken latches

## Oxygen MAV/Needle Valve

- Needle valve incorporates the simplicity of a constant mass flow (CMF) orifice without the IP adjustment issues or the risk of blockage from debris.
- 316 SS Swagelok needle valve for precise flow
- Fully recessed manual oxygen addition button prevents unwanted oxygen addition
- Non depth compensated Apeks DS4 1st stage with stronger spring allows for adjustment from 200-290 psi (14-20 bar) IP for 400-600 fsw (122-183 msw) maximum depth.

## Diluent MAV

- Fully recessed manual diluent addition button prevents unwanted gas addition
- Female QC-6 plugs into offboard bailout/diluent
- Bypass port routes gas directly to BOV or ADV

## PO2 Monitoring

- NEW and improved HUD provides reliable secondary PO2 monitor
  - › Reversible display
  - › Automatic brightness adjustment
  - › Voltage indication on start-up
  - › Visual alarm feature
- NEW Shearwater Petrel 3 primary display
- Optional Shearwater NERD 2 replaces Petrel 3 as primary display

## FATHOM Mk III CCR (includes the following)

\$9,995

- Latchless head, canister, and bottom
- Backmounted counterlungs
- Low-profile T-pieces and breathing hoses
- Diluent MAV with QC-6 offboard gas connector
- Oxygen MAV/needle valve
- Apeks DS4 oxygen first stage with OPV
- Delrin cap & stronger spring in oxygen first stage
- Kent Tooling 316 SS cylinder mounts
- Kent Tooling 316 SS single tank adapter
- 400 psi LP hoses, viton o-rings & 316 SS hardware
- 3 oxygen sensors
- Dwyer flow meter
- **NEW** Heads Up Display (HUD)
- **NEW** Shearwater Petrel 3 primary display with 4-pin AK cable
- Shrimp BOV
- 5 lb (2.3 kg) or 8.8 lb (4 kg) radial scrubber

## Not Included

- Backplate, harness & wing
- Cylinders

## Upgrades

- Shearwater NERD 2 with 4-pin AK cable (replaces Petrel 3) \$655
- Cave Rig (includes the following) \$1,214
  - › 2 x AL30s with valves
  - › Apeks DS4 with OPV
  - › 15" oxygen hose
  - › 22" diluent hose
  - › Dive Rite Voyager EXP Wing
- Tech Rig (includes the following) \$2,218
  - › 2 x Faber LP50s with LOLA valves and flex manifold
  - › Faber 3L with inline valve
  - › Tank mounting brackets
  - › 44" oxygen hose
  - › 40" diluent hose
  - › Halcyon Evolve 60 Wing
- Tech Rig Lite (same as Tech Rig except the following) \$2,048
  - › 2 x AL40s (replaces LP50s)

## Spares & Extras

- O-ring kit \$39
- Spares kit (includes the following) \$179
  - › Oxygen sensor
  - › Mushroom valve
  - › Upper loop hose
  - › Lower loop hose
  - › 1/2 AA SAFT battery
- Superfabric hose covers, pair \$35
- Cell checker/calibration kit \$649

\*All prices are in US dollars.